ELVIS
Enhanced Linked Virtual Information System
Version 1.3

1. INTRODUCTION

The Enhanced Linked Virtual Information System (ELVIS) is a World Wide Web-based Common Operating Environment (COE)-compliant core component for the Global Command and Control System (GCCS) and Joint Maritime Command Information System (JMCIS) environments. ELVIS leverages the extensive capabilities and display mechanics of the Unified Build (UB) to provide a timely tactical display. The user requirements consist of a web browser compatible with the Netscape extensions to HyperText Markup Language (HTML) and connectivity to an ELVIS server using the standard Transmission Control Protocol and Internet Protocol (TCP/IP). ELVIS server software can be loaded on any GCCS/JMCIS workstation (Solaris or HP-UX) and does not require dedicated or additional hardware (so an ELVIS server can also be used as a GCCS/JMCIS workstation). Several system administration tools and files are available for configuring and tuning the performance of ELVIS. To balance system loading, ELVIS can be installed on multiple workstations and the system administrator can assign groups of client browsers to specific ELVIS servers.

Below is a sample "home page" for a site, as shown using the Netscape Navigator. The ELVIS-defined hot points are the four wall charts, the globe (for custom maps), the BRIEFS computer, the IDEAS box, and the FIND, HELP, and EXIT buttons. The system administration-defined hot points are the CMD INFO book and the OPS, WX, INTEL, and COMMS buttons.